

WHAT IS CLAIMED IS:

5 1. An interactive binder and platform system, comprising:
 a remote multimedia source;
 a feedback unit electronically connected to the remote multimedia
source for displaying output from the remote multimedia source;
 a plurality of binders, each binder including a plurality of conductive
pins and at least one fixed medium having a plurality of distinct circuits
10 operatively connected to the binder and a plurality of touch points defining
exposed portions of the distinct circuits; and
 at least one transceiver electronically connected to at least one of
the binders, for providing power to the at least one of the binders and
transmitting/receiving signals to provide two-way communication between the
15 remote multimedia source and the binders such that selection of a particular
touch point by a user electronically connects the distinct circuit associated
with the particular touch point and the remote multimedia source, the output
from the remote multimedia source associated with input sent to the remote
media source by the selection of the particular touch point.

20 2. The interactive binder and platform system of claim 1, wherein
the fixed medium includes a plurality of apertures corresponding to the
plurality of conductive pins, wherein each aperture is at least partially
surrounded by a conductive contact pad that engages a respective pin
25 inserted through the aperture.

 3. The interactive binder and platform system of claim 1, wherein
the fixed medium comprises interactive paper having the distinct circuits and
power circuits printed therein.

30 4. The interactive binder and platform system of claim 1, wherein
the fixed medium comprises a printed circuit board and an overlying laminate

having apertures therethrough corresponding to at least one of the plurality of touch points.

5 5. The interactive binder and platform system of claim 4, wherein the fixed medium includes an underlying laminate adjacent to the printed circuit board opposite the overlying laminate, the underlying laminate including apertures corresponding to at least one of the plurality of touch points.

10 6. The interactive binder and platform system of claim 4, including a play piece at least partially positionable within one of the apertures of the laminate of the fixed medium, the play piece including a housing and a conductive tip configured to engage an underlying touch point to complete the corresponding distinct circuit.

15 7. The interactive binder and platform system of claim 1, wherein the binder includes a hinged lid adjacent to the plurality of conductive pins, the hinged lid including a plurality of recesses corresponding to upper ends of the plurality of conductive pins and being pivotable between an open position and a closed position wherein the upper ends of the plurality of conductive pins are captured within the plurality of recesses of the lid.

20 8. The interactive binder and platform system of claim 1, wherein the transceiver and remote multimedia source are operationally connected through a wireless local access network.

25 9. The interactive binder and platform system of claim 1, wherein the feedback unit comprises a wall display electronically connected to the remote multimedia source and at least one binder.

10. The interactive binder and platform system of claim 1, wherein the feedback unit comprises a binder display, electronically connected to the transceiver, for displaying output from the multimedia source.

5 11. The interactive binder and platform system of claim 1, wherein the remote multimedia source includes a computer.

12. The interactive binder and platform system of claim 11, wherein the computer is electronically connected to a website.

10 13. The interactive binder and platform system of claim 1, wherein the remote multimedia source includes a CD-ROM player.

15 14. The interactive binder and platform system of claim 1, wherein the at least one fixed medium is removable from the binder.

20 15. The interactive binder and platform system of claim 1, wherein the feedback unit includes a wall display and a binder display, the binder display providing a message relating to the touch point selected by the user in response to indicia shown on the wall display.

25 16. The interactive binder and platform system of claim 15, including a conductive tip for contacting at least one of the touch points in response to indicia on the wall display; wherein the indicia includes a first graphic generated by the remote media source and appearing on the wall display, and the binder display shows a text message indicating whether or not the at least one of the touch points is associated with the first graphic.

30 17. The interactive binder and platform system of claim 16, wherein the first graphic comprises an animation.

18. The interactive binder and platform system of claim 16, wherein the first graphic comprises a streaming video.

19. The interactive binder and platform system of claim 16,
5 including a second graphic comprising a countdown timer graphic indicating time remaining for a user to contact at least one of the touch points in response to the indicia.

20. The interactive binder and platform system of claim 1, wherein
10 the at least one transceiver is electronically connected to all of the binders.

21. The interactive binder and platform system of claim 1, wherein
the at least one transceiver is electronically connected to a particular one of
the binders, the remaining binders electronically connected to the particular
15 one of the binders.

22. The interactive binder and platform system of claim 1, wherein
each binder is electronically connected to a particular transceiver.

23. The interactive binder and platform system of claim 1, wherein
20 the fixed medium includes indicia associated with each touch point.

24. The interactive binder and platform system of claim 1, including
a conductive tip for contacting at least one of the touch points in response to
25 indicia on the feedback unit.

25. An interactive binder and platform system, comprising:
a remote multimedia source;
a feedback unit electronically connected to the remote multimedia
30 source for displaying output from the remote multimedia source;
an instructor binder electronically connected to the remote
multimedia source and at least one student binder electronically connected to

the remote multimedia source, each binder including a plurality of conductive pins and at least one fixed medium having a plurality of distinct circuits operatively connected to the binder and a plurality of touch points defining exposed portions of the distinct circuits; and

5 at least one transceiver electronically connected to the instructor binder and the at least one student binder, for providing power to the at least one of the binders and transmitting/receiving signals to provide two-way communication between the remote multimedia source and the binders such that selection of a particular touch point by a user electronically connects the
10 distinct circuit associated with the particular touch point and the remote multimedia source, the output from the remote multimedia source associated with input sent to the remote media source by the selection of the particular touch point.

15 26. The interactive binder and platform system of claim 25, wherein the fixed medium comprises interactive paper having the distinct circuits and power circuits printed therein.

20 27. The interactive binder and platform system of claim 25, including a track ball electronically connected to the instructor binder for manipulating the remote multimedia source.

25 28. The interactive binder and platform system of claim 25, wherein the feedback unit comprises a wall display electronically connected to the remote multimedia source and at least one of the binders.

30 29. The interactive binder and platform system of claim 25, wherein the feedback unit comprises a binder display, electronically connected to the transceiver, for displaying output from the multimedia source.

30 30. The interactive binder and platform system of claim 25, wherein the feedback unit includes a wall display and a binder display, the binder

display providing a message relating to the touch point selected by the user in response to indicia shown on the wall display.

5 31. The interactive binder and platform system of claim 30,
including a conductive tip for contacting at least one of the touch points in
response to indicia on the wall display; wherein the indicia includes a first
graphic generated by the remote media source and appearing on the wall
display, and the binder display shows a text message indicating whether or
not the at least one of the touch points is associated with the first graphic.

10 32. The interactive binder and platform system of claim 31,
including a second graphic comprising a countdown timer graphic indicating
time remaining for a user to contact at least one of the touch points in
response to the indicia.

15 33. The interactive binder and platform system of claim 25, wherein
the at least one transceiver comprises a plurality of transceivers and each
transceiver is electronically connected to a particular one of the plurality of
binders.

20 34. The interactive binder and platform system of claim 25, wherein
each instructor and student binder is electronically connected to the remote
multimedia source through a wireless local access network.

25 35. The interactive binder and platform system of claim 25, wherein
the feedback unit is electronically connected to the transceiver for displaying
output from the multimedia source.

30 36. An interactive binder and platform system, comprising:
a remote multimedia source;
a feedback unit electronically connected to the remote multimedia
source for displaying output from the remote multimedia source;

a plurality of binders electronically connected to each other, each binder including a plurality of conductive pins and at least one fixed medium having a plurality of distinct circuits operatively connected to the binder and a plurality of touch points defining exposed portions of the distinct circuits;

5 at least one transceiver electronically connected to all of the binders and mechanically connected to only one of the binders, for providing power to the at least one of the binders and transmitting/receiving signals to provide two-way communication between the remote multimedia source and the binders such that selection of a particular touch point by a user
10 electronically connects the distinct circuit associated with the particular touch point and the remote multimedia source, the output from the remote multimedia source associated with input sent to the remote media source by the selection of the particular touch point, each touch point located within a particular one of a plurality of apertures of the fixed medium; and

15 a plurality of play pieces, each play piece associated with a particular one of the binders and at least partially positionable within one of the apertures of the fixed medium, the play piece including a conductive tip configured to engage the underlying touch point to complete the distinct circuit of the touch point.

20 37. The interactive binder and platform system of claim 36, wherein the fixed medium comprises a printed circuit board and an overlying laminate having apertures therethrough corresponding to at least one of the plurality of touch points.

25 38. The interactive binder and platform system of claim 37, wherein the fixed medium includes an underlying laminate adjacent to the printed circuit board opposite the overlying laminate, the underlying laminate including the apertures corresponding to at least one of the plurality of touch
30 points.

39. The interactive binder and platform system of claim 36, including an audio means operatively connected to the transceiver for receiving audio signals from the remote multimedia source.

5 40. The interactive binder and platform system of claim 36, wherein the feedback unit is a computer monitor electronically connected to the remote multimedia source.

10 41. The interactive binder and platform system of claim 36, wherein the feedback unit is a robotic stage, electronically connected to the transceiver, for providing output from the multimedia source.

15 42. The interactive binder and platform system of claim 36, wherein the robotic stage includes at least one display for each binder for providing a graphical output from the remote multimedia source.

20 43. The interactive binder and platform system of claim 36, wherein the robotic stage includes at least one speaker for providing an audio output from the remote multimedia source.

25 44. The interactive binder and platform system of claim 36, wherein the robotic stage includes at least one means for emitting an odor in response to output from the remote multimedia source.

30 45. The interactive binder and platform system of claim 36, wherein the at least one fixed medium comprises a game board including indicia.